

Argus CO in-situ measurements for TES and MLS validation

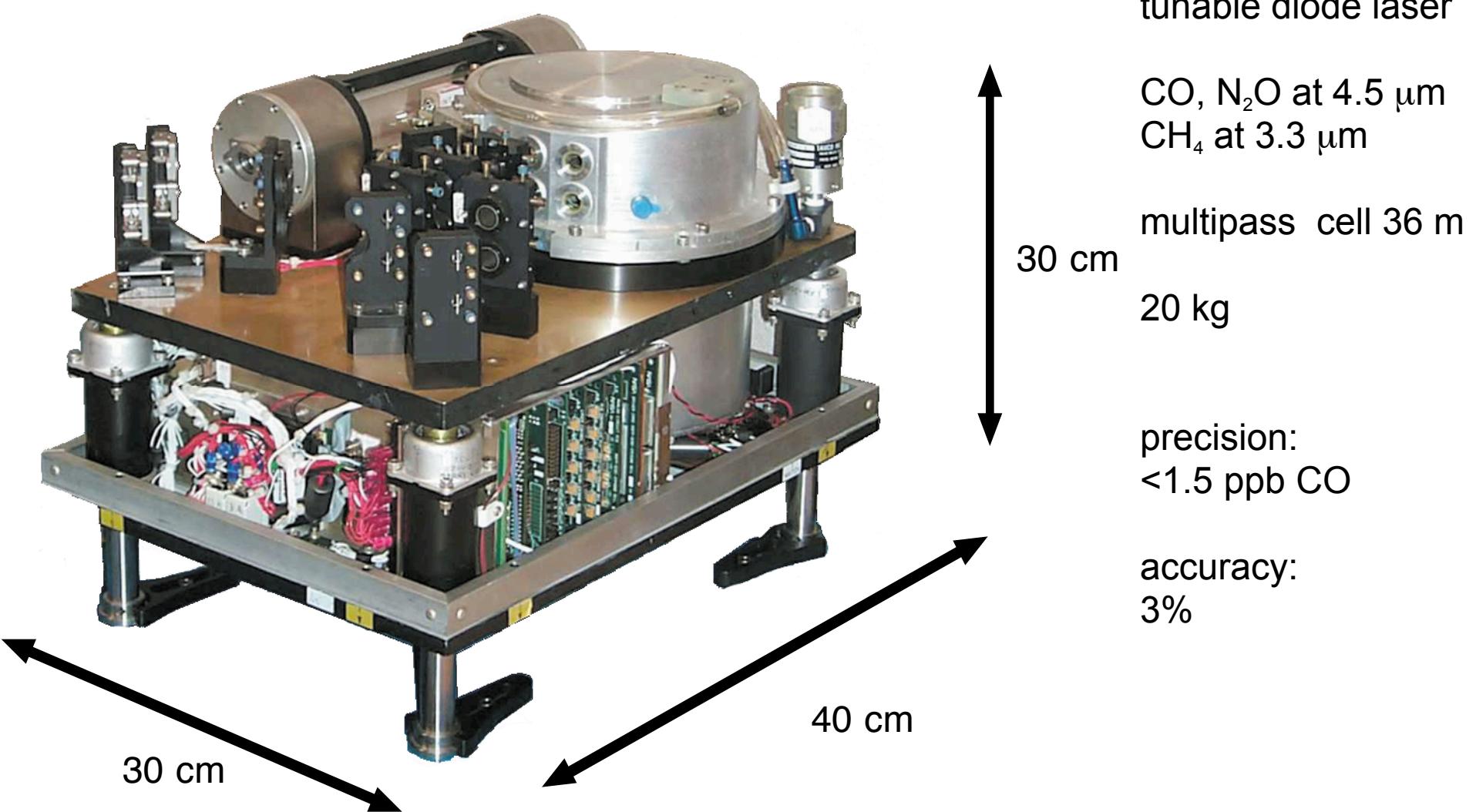
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Sonoma, California

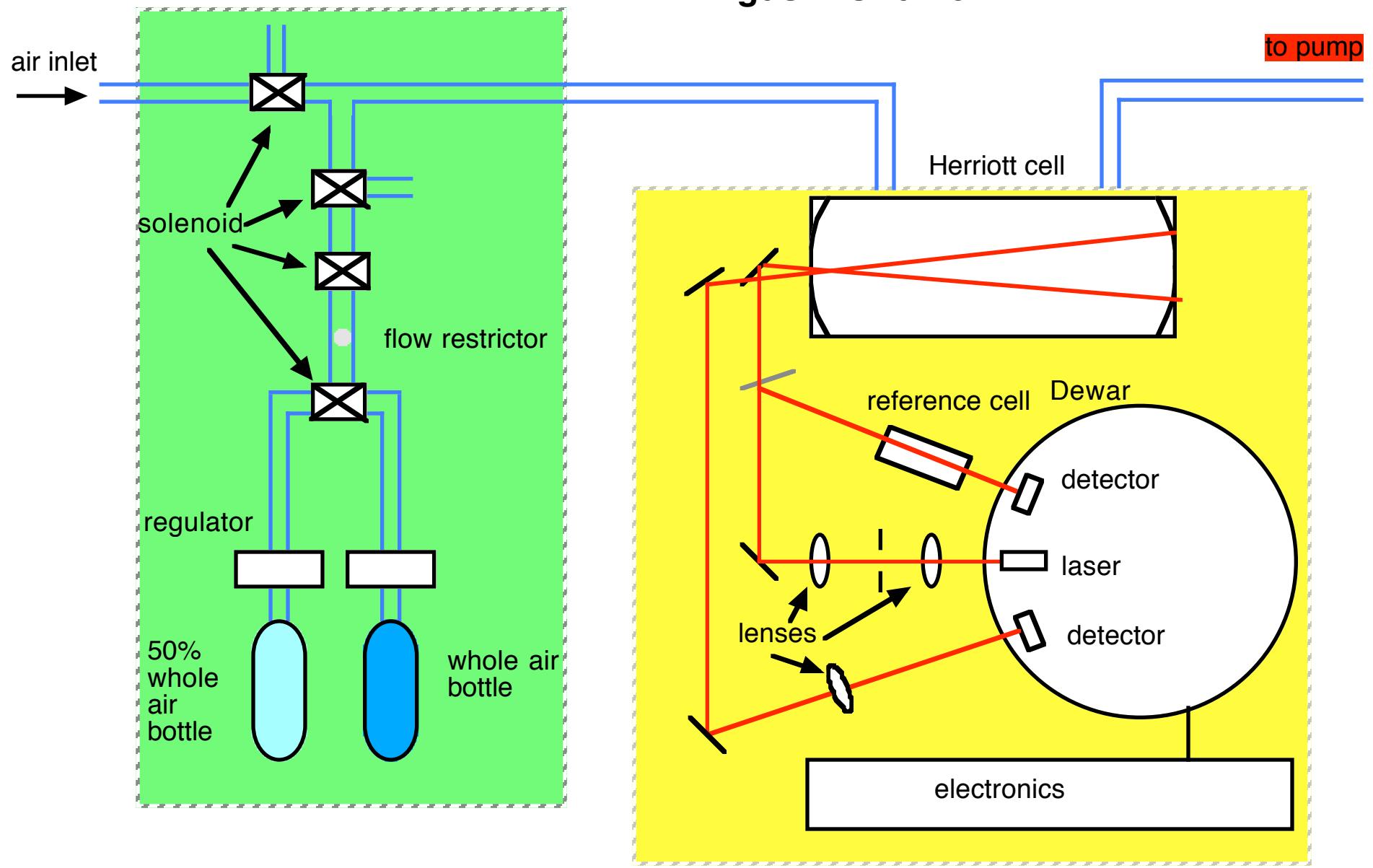
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Atmospheric Chemistry and Dynamics Branch
NASA Ames Research Center
Moffett Field, CA

³Jet Propulsion Laboratory

Argus Instrument



Argus Instrument

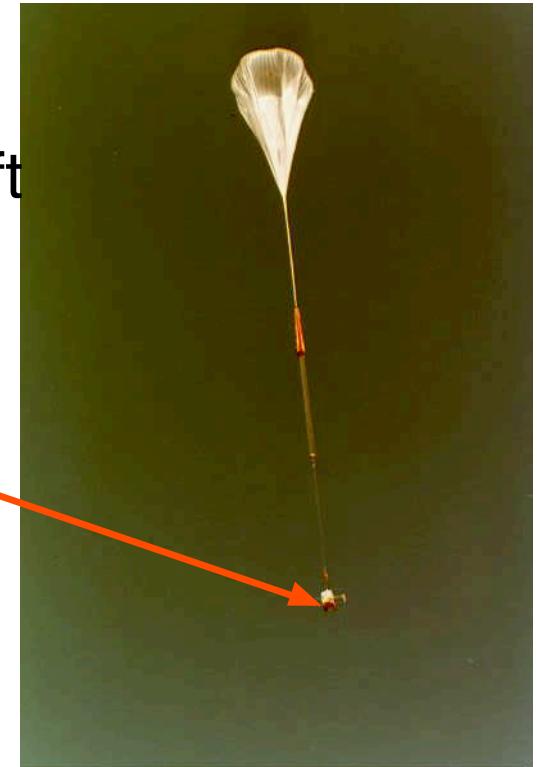


Argus Instrument Heritage



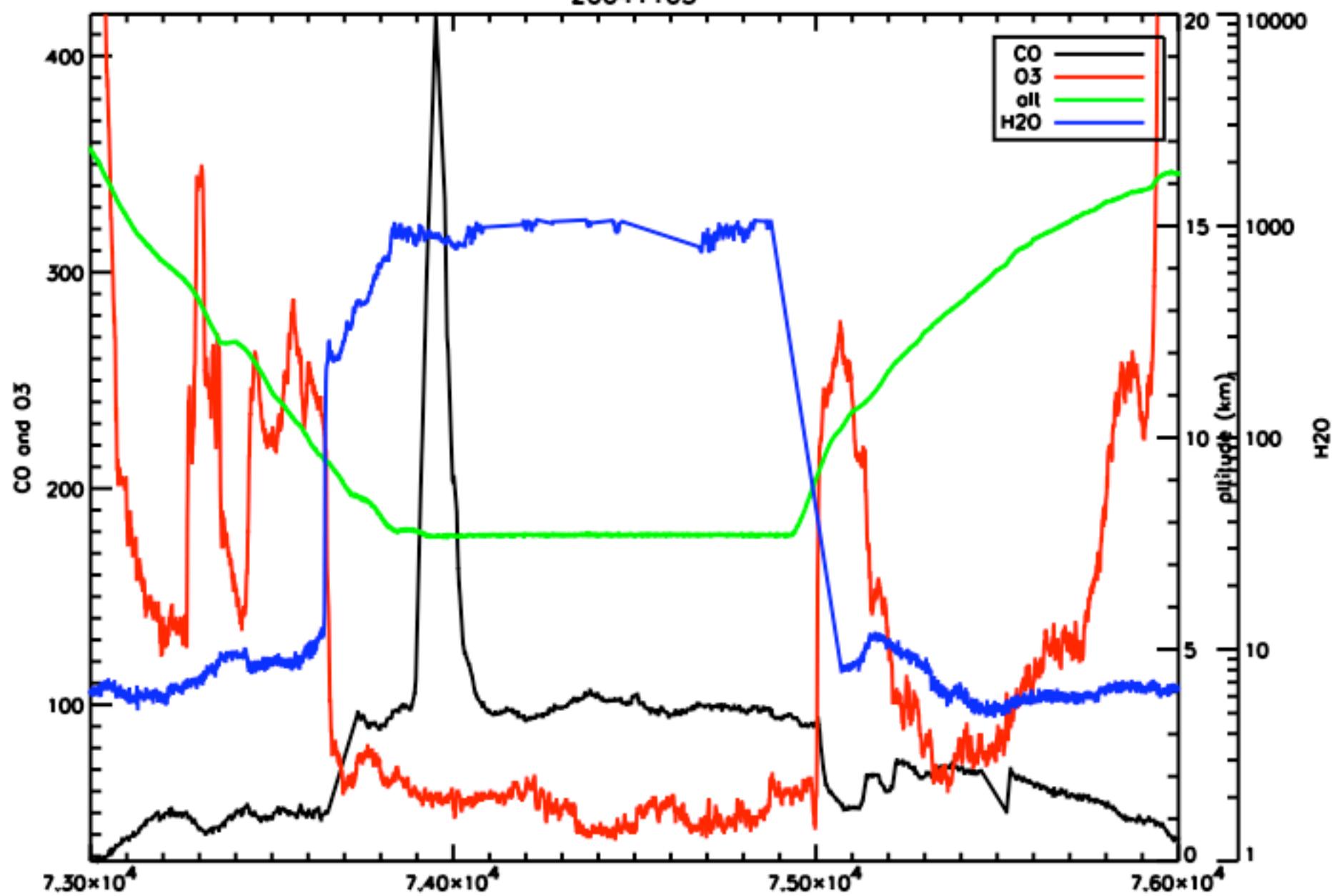
100 kft

8 hrs

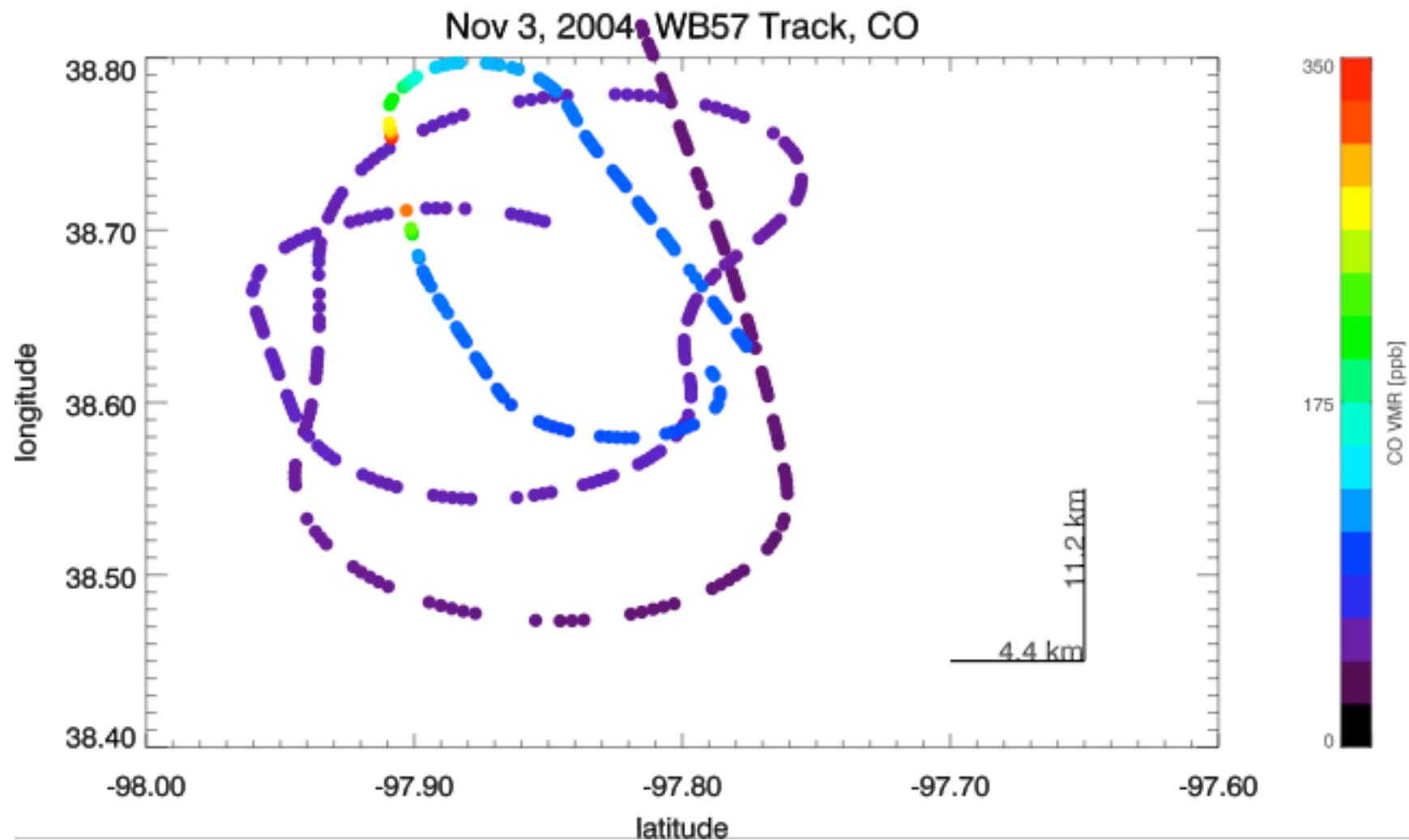


Spatial Variability in CO

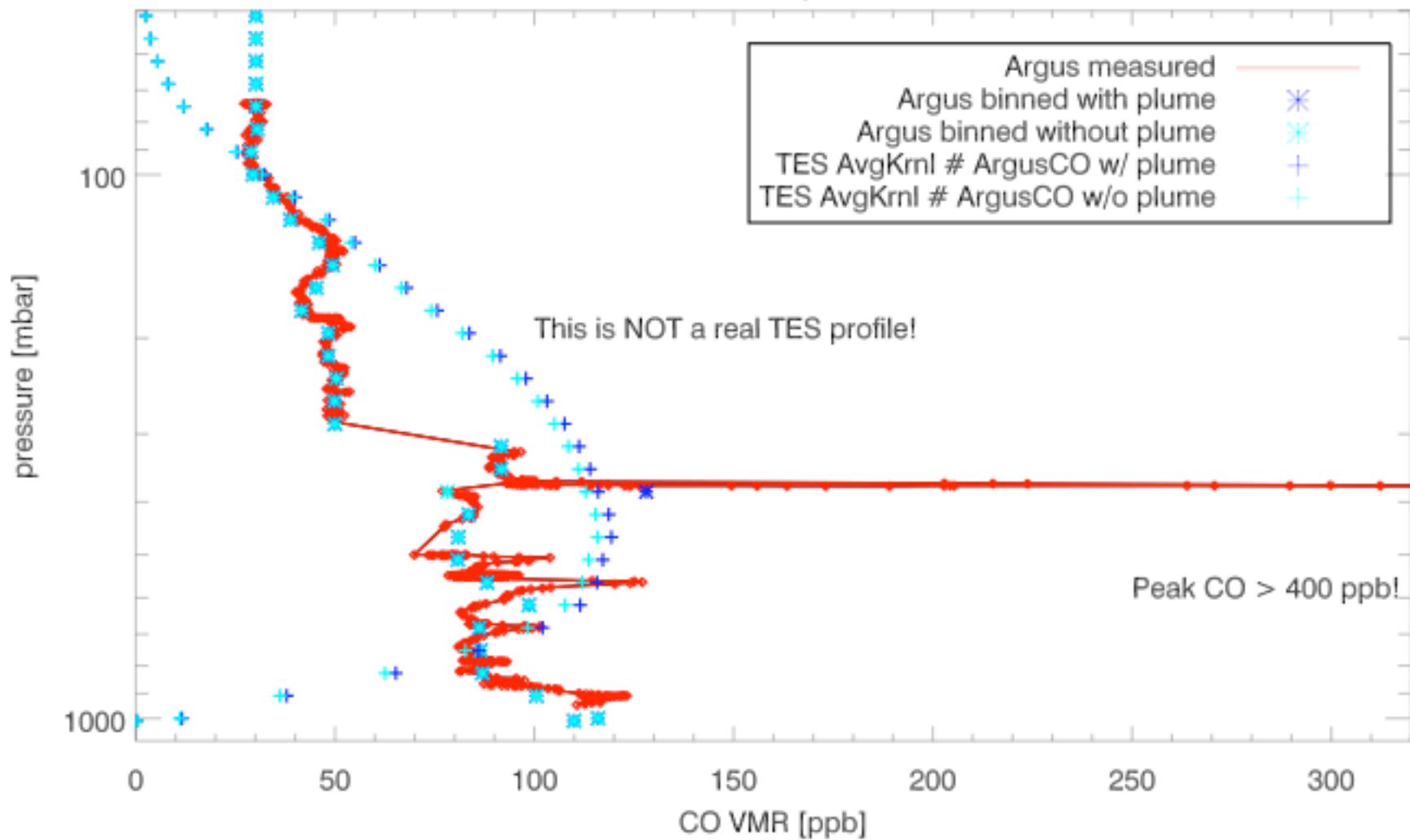
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Spatial Variability in CO



Simulated effect of observed CO layers Nov 3 2004 on TES results



What's next?

Finalize Balloon data sets

N₂O analysis, refine CH₄ analysis

Perform more studies on spatial variability of CO and its impact on validation

Hope for funding!